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(54) **METHOD FOR PRODUCING RECOMBINANT PROTEINS WITH A CONSTANT CONTENT OF PCO₂ IN THE MEDIUM**

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(58) **Field of Classification Search**
None
See application file for complete search history.

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(57) **ABSTRACT**

A method for the recombinant production of a polypeptide in a eukaryotic host cell modified in the citrate cycle is described, wherein the method comprises cultivating the eukaryotic host cell in a suitable medium under conditions which allow the expression of the polypeptide, wherein the content of dissolved CO₂ (pCO₂) in the medium is maintained at a constant value in the range of 10% to 20%.

13 Claims, 36 Drawing Sheets